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OUTLINES DEVELOPMENT OF TRACTOR PRODUCTION IN RUMANIA

TRACES RUMANIAN TRACTOR DEVELOPMENT SINCE 1946 -- Bucharest, Romania Libera,
 25 Jul 51

Rumanian tractor production dates from 27 December 1946 when workers and technicians of IAR Brasov (now Stalin), working in a reconstructed plane factory, began mass production of the first tractors of the IAR-22 type. A series of technical difficulties arose which prevented delivery of the tractors in quantities required by agriculture.

In 1948, experiments carried on in the Soviet Union resulted in the mass production of a tractor of the same type, but of superior quality, and known as the KD-35. A comparative analysis of these two tractors reveals the categorical superiority of the Soviet model. The Sovromtractor enterprise was formed in 1948 for the purpose of mass producing these tractors in Rumania. This new plant began the manufacture of the starter motor, one of the most delicate parts of the KD-35 tractor, in 1949. In March 1950, the first ten starter motors were assembled and examined. In May 1950, the motor assembly shop and the tool shops were modernized. On 7 November 1950, the first five KD-35 tractors passed all tests satisfactorily. During all of 1950, a transitional type of tractor was in production. This was the SRT-1 which consisted of the motor of the KD-35 mounted on the chassis of the IAR-23. It was produced while preparation was being made for the manufacture of the KD-35 chassis.

In March 1951, mass production of the KD-35 began in Rumania. At the same time, output of the IAR-23 declined. On 15 June 1951, the manufacture of IAR-23 motors and tractors ceased. Only the SRT-1 and the KD-35 tractors remained in production, both using the KD-35 motor.

CONVERTS TO NEW TRACTOR -- Bucharest, La Nouvelle Roumanie, 16 - 30 Jun 51

Sovromtractor produced more than 7,000 tractors up to mid-June 1951. In 1951, production was gradually converted from the IAR-24 tractor to the KD-35 type with no decrease in output. The KD-35 is a caterpillar tractor which has proved more suitable to the agricultural conditions of Rumania.

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SOVROMTRACTOR PRODUCES 8,000 MACHINES -- Bucharest, Romania Libera, 29 Jul 51

The first tractor of the IAR-22 type was produced by Sovromtractor in Stalin in 1947. The enterprise has produced 8,000 tractors from that time to the present. In November 1950, Sovromtractor assembled the first IAR-24 K tractor, a model incorporating advantages over old types. As a result of Soviet economic cooperation, production of a tractor based on the Soviet KD-35 was begun.

DISCUSSES UTILIZATION OF FUEL BY KT-12 -- Bucharest, Revists Padurilor Len-
mului si Hartiei, Feb 51

The Soviet KT-12 tractor is currently in use in Rumanian forest exploitation for skidding logs. This tractor must be utilized in the proper manner and rules for its operation strictly observed to obtain the best possible performance.

The KT-12 tractor utilizes combustible gases of low quality. These gases are produced by a standard HTZ-T2G type generator which utilizes pieces of wood 50 x 60 x 70 millimeters, dried in special ovens. Several details must be considered in regard to the combustible wood fuel. The wood must be sound and unrotted, it must be clean, and of the proper size to permit free flow of air for combustion.

The humidity of the wood affects the quality and explosive power of the gas. Excessive humidity reduces efficiency and the length of time which the motor can be operated. Thus, when atmospheric conditions are very humid the wood must be handled with great care and kept dry.

In subzero temperatures the motor must be primed with gasoline since the direct ignition of gases is harmful. However, the use of gasoline as a regular fuel is harmful.

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